

Title (en)

Apparatus for the positioning of equipment in a cylindric cavity having perforations arranged in a regular pattern.

Title (de)

Einrichtung zum Positionieren eines Gerätes in eine zylindrische Höhlung mit regelmässig geordneten Perforationen.

Title (fr)

Appareil pour le positionnement d'un organe dans une cavite cylindrique comportant des perforations disposées selon un réseau régulier.

Publication

**EP 0398792 A1 19901122 (FR)**

Application

**EP 90401266 A 19900514**

Priority

FR 8906369 A 19890516

Abstract (en)

In order to position equipment such as an eddy current probe support inside a cylindrical cavity (16), in which there open radial perforations (34), an apparatus (36) is proposed, which comprises a mast (50) oriented parallel to the axis of the cavity. This mast can occupy different predetermined indexing positions in rotation and in translation inside the cavity, by means of a mechanism (42, 44, 54, 58, 60). In each of these indexing positions, a work head (98), mounted on the end of the mast (50) by means of a pantograph (66) and of a laying-on arm (100), can be displaced in a given working zone on the inner wall of the cavity. To this end, the work head is laid on by the arm (100) and it is equipped with autonomous pneumatic jacks which control its displacement. <IMAGE>

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**F22B 37/00**

IPC 8 full level

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CPC (source: EP US)

**F22B 37/005** (2013.01 - EP US); **F22B 37/006** (2013.01 - EP US); **G21C 17/003** (2013.01 - EP US); **Y02E 30/30** (2013.01 - EP)

Citation (search report)

- [A] DE 3419086 C1 19850411 - KRAFTWERK UNION AG
- [A] FR 2566309 A1 19851227 - BARRAS PROVENCE [FR]
- [A] EP 0276819 A1 19880803 - TOKYO ELECTRIC POWER CO [JP], et al
- [A] NUCLEAR ENGINEERING INTERNATIONAL. vol. 33, no. 402, janvier 1988, SUTTON,SURREY,GB pages 27 - 30; E.FISCHER: "Mechanized inspection and repair for VVER type PWRs"

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**EP 0398792 A1 19901122**; **EP 0398792 B1 19930922**; DD 294587 A5 19911002; DE 69003446 D1 19931028; DE 69003446 T2 19940324; FR 2647251 A1 19901123; FR 2647251 B1 19910823; JP H0318754 A 19910128; RU 2041266 C1 19950809; US 5073332 A 19911217

DOCDB simple family (application)

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